

## 1 CHEMICAL PRODUCT & COMPANY IDENTIFICATION

**Product Name**                    **D70040**  
**MSDS Name**                    DURABOND D-60 MED SET GRAY  
**CAS Number**                    Mixture  
**Product Use**                    Set Ceramic Tiles  
**Generic Description**           Thin Set Mortar  
**Manufacturer**                   Bostik Findley, Inc.  
    211 Boston Street  
    Middleton , MA 01949 USA

**24 Hour Emergency Assistance**  
 Phone: 1-800-227-0332

**General Assistance**  
 Phone: 1-978-777-0100

**MSDS Assistance**  
 Phone: 1-978-777-0100

## 2 COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS Number	Percentage
Silica, Quartz	14808-60-7	30 - 60
Portland Cement	65997-15-1	15 - 40
Gypsum (Ca(SO <sub>4</sub> ).2H <sub>2</sub> O)	13397-24-5	1 - 5
Non-hazardous and other ingredients below reportable levels	Proprietary	Balance

## 3 HAZARDS IDENTIFICATION

### Emergency Overview

Exposure to dust may be irritating to eyes, nose, and throat. Chronic lung disease (silicosis) and/or lung cancer may result from prolonged/repeated breathing of the dust of this material.

### POTENTIAL HEALTH EFFECTS

**SKIN CONTACT:** Prolonged and/or repeated skin contact with this product may cause irritation/dermatitis. Mechanical rubbing may increase skin irritation.

**EYE CONTACT:** Dust or powder may irritate eye tissue.

**INHALATION:** Chronic lung disease (silicosis) and/or lung cancer may result from prolonged/repeated breathing of the dust of this material.

**INGESTION:** May cause nausea, vomiting, pain, stomach upset, and diarrhea.

### Target Organs

Respiratory tract and skin. The lungs may be targeted and damaged by components of this product.

## 4 FIRST AID MEASURES

### Skin

Wash affected area with mild soap and water. If irritation persists, get medical attention.

**Eye**

Immediately flush with plenty of water for at least 15 minutes, holding eyelids open at all times. Get medical attention immediately.

**Inhalation**

Remove to fresh air. Get medical attention if cough or other symptoms develop.

**Ingestion**

Due to the physical nature of this material, ingestion is unlikely to occur. If ingestion of a large amount does occur, seek medical attention.

## 5 FIRE FIGHTING MEASURES

**Hazardous Combustion Products**

Non-combustible, substance itself does not burn.

**Extinguishing Media**

Use any media suitable for the surrounding fires.

**Basic Fire Fighting Procedures**

Not a fire hazard. This material will not burn.

**Dust Explosion Hazard**

None Known

**Sensitivity To Mechanical Impact**

None Known

**Sensitivity To Static Discharge**

None Known

**Flash Point** Non- Flammable

## 6 ACCIDENTAL RELEASE MEASURES

**Emergency Action**

Avoid inhalation of dust from the spilled material. Wear a dust mask if dust is generated above exposure limits.

**Containment**

Sweep up material and place in appropriate disposal container. Use sweeping compound or other cleaning aids to pick up residues. Wash down area thoroughly with water. Use appropriate personal protective equipment as necessary.

## 7 HANDLING & STORAGE

For Commercial Use Only.

**Handling**

Avoid breathing dusts from this material. Remove dust fines from air or wear recommended respirator.

**Storage**

Store in a clean, dry area. Keep containers closed.

**Empty Container Precaution**

Attention! Follow label warnings even after container is emptied since empty containers may retain product residues. Do not reuse empty container without professional cleaning for food, clothing, or products for human or animal consumption, or where skin contact can occur.

## 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

### Engineering Controls

Ventilation should effectively remove and prevent buildup of any dust generated from the handling of this product.

### Eye Protection

Wear goggles or safety glasses with side shields.

### Skin And Body Protection

Wear impervious gloves for prolonged contact. Recommended gloves include rubber, neoprene, nitrile or viton. Normal work clothing (long sleeved shirts and long pants) is recommended.

### Respiratory Protection

Respiratory protection; not normally required for ambient air concentrations not exceeding the Occupational Exposure Limit. If ventilation is not sufficient to effectively prevent buildup of dusts, appropriate NIOSH/MSHA respiratory protection must be provided.

### Exposure Limits

#### ACGIH - Occupational Exposure Limits - TWAs

Portland cement	65997-15-1	10 mg/m3 TWA (particulate matter containing no asbestos and < 1% crystalline silica)
Quartz	14808-60-7	0.05 mg/m3 TWA (respirable fraction)

#### OSHA - Vacated PELs - TWAs

Gypsum (Ca(SO <sub>4</sub> ).2H <sub>2</sub> O)	13397-24-5	15 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable fraction)
Portland cement	65997-15-1	10 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable fraction)
Quartz	14808-60-7	0.1 mg/m3 TWA (respirable dust)

## 9 PHYSICAL & CHEMICAL PROPERTIES

Percent Volatile	0
Solubility In Water	0 - 2 %
Softening Point	N/A
Target Solids	100 %
pH	8 - 10
Odor	Mild
Color	Gray
Physical State	Powder
Freeze Protect	No

## 10 STABILITY & REACTIVITY

### Stability/Incompatibility

Stable under normal conditions. This product may react with strong acids.

## 11 TOXICOLOGICAL INFORMATION

### Ld50

#### NIOSH - Selected LD50s and LC50s

Calcium formate	544-17-2	Oral LD50 Rat: 2650 mg/kg; Oral LD50 Mouse: 1920 mg/kg
-----------------	----------	--

### Routes Of Exposure

If any toxicological data is available, it will be listed below:

MSDS Number	27871	Product	D70040
Label Number	27871	NA = Not Available	ND = Not Determined

## Carcinogenicity

### IARC - Group 1 (Carcinogenic to Humans)

Quartz	14808-60-7	Monograph 68, 1997 (inhaled in the form of quartz or cristobalite from occupational sources)
--------	------------	--

### NTP (National Toxicology Program) - Report on Carcinogens - Known Carcinogens

Quartz	14808-60-7	Known Carcinogen
--------	------------	------------------

### OSHA - Select Carcinogens

Quartz	14808-60-7	Present
--------	------------	---------

## 12 ECOLOGICAL INFORMATION

**VOC (Volatile Organic Compounds)** 0 g/l

### Ecotoxicological Information

No data available for this product.

## 13 DISPOSAL CONSIDERATIONS

### Waste Disposal

This product as supplied is not considered a hazardous waste under RCRA. Dispose of in compliance with all local, state, and federal regulations. Recommended disposal method is incineration.

## 14 TRANSPORT INFORMATION

### Comments

This product is not regulated as a hazardous material by the United States (DOT) (IMDG) (IATA) or Canadian (TDG) transportation regulations.

Proper Shipping Name Not Regulated

UN/NA Code Not Applicable

## 15 REGULATORY INFORMATION

### Federal Regulations

All components are on the U.S. EPA TSCA Inventory List.

Based on an evaluation of the components used, this product does contain hazardous ingredients identified as per 29 CFR 1910.1200.

### State Regulations

If this product contains any ingredients listed under California Proposition 65, they will be noted below:

#### California - Proposition 65 - Carcinogens List

Acetaldehyde	75-07-0	carcinogen, initial date 4/1/88
Quartz	14808-60-7	carcinogen, initial date 10/1/88 (airborne particles of respirable size)

### International Regulations

This is a "controlled product" under the Canadian Workplace Hazardous Materials Information System (WHMIS). Class D Division 2 Sub-division B. This is a "controlled product" under the Canadian Workplace Hazardous Materials Information System (WHMIS). Class D Division 2 Sub-division A.

DSL Status Not Determined.

### SARA 302 EXTREMELY HAZARDOUS SUBSTANCES

Not Regulated

## SARA 311/312 HAZARD CATEGORIES

Immediate Hazard	No
Delayed Hazard	No
Fire Hazard	No
Pressure Hazard	No
Reactivity Hazard	No

## SARA 313 TOXIC CHEMICALS

Not Regulated

## WHMIS RATINGS

WHMIS Status: Controlled  
Other Toxic Effects-TOXIC - D2B

# 16 OTHER INFORMATION

### Disclaimer

The data in this MSDS has been compiled from publicly available sources. This data relates only to the designated product and not to the use of said product in combination with other materials. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards which exist. Responsibility for proper precautions and safe use of the product lies with the user. All data in this MSDS is typical of the product as a whole, and does not represent any individual lot or batch, therefore, Bostik Findley, Inc. makes no warranty about the accuracy of the data herein and assumes no liability for the use of such data. It is the responsibility of the user to comply with all applicable federal, state, and local laws and regulations.

<b>Issue Date</b>	19-May-2004	<b>Supersedes</b>	18-May-2004
<b>Prepared By</b>	Michael Simon		

### MSDS sections updated

Composition / Information on Ingredients: List of Ingredients